

OMAR M. KHASHAB

Erbil, Iraq

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Career Overview

I'm a detail-oriented passion-driven full-stack software engineer, experienced in building secure responsive interactive cross-platform multilingual web/mobile applications utilizing cutting-edge technologies.

Technical Skills

Back-End Node.JS, Express, Parse Platform, TypeScript, RoR, .Net Core	Databases MariaDB, MSSQL, PostgreSQL, MongoDB, BigQuery, Sisense
Front-End HTML5/CSS3, React, Tailwind	Mobile ReactNative, Firebase, Realm
Dev-Env Git, VSCode, ESLint, Prettier, Postman	Testing Jest, Mocha, Chai, RSpec, Sinon
Strengths API Design, System Integrations, i18n, Typescript	DevOps AWS, Serverless, Docker, CircleCi, Heroku, PorterDev
Playing with Serverless, GraphQL, AI Models	Want to explore Go, Python, Kafka, ML

Education

B.Sc. in Computer Engineering (2005)	Nahrain University, Baghdad, Iraq
M.Sc. in Computer Engineering (2008)	Nahrain University, Baghdad, Iraq

Work Experience

Senior Software Engineer

Aug 2019 - Nov 2023

Invoice Simple (Financial Services)

Vancouver, Canada

- Worked on payment processing integrations. (2 years)
- Worked on Core team to maintain our core systems, increasing performance, and adding new features to the product. (2 years)

Major Accomplishments:

- Integrated with different payment providers (Payrix, PayStand, Stripe and PayPal).
- Migrated several services to use AWS CDK.

- Transitioned the entire web project from vanilla JavaScript to TypeScript.
- Designed, Implemented and Launched Expense Tracking as a main new feature for Invoice Simple.

(Stack: TypeScript, Node.JS/Express, React, React Native, Next.JS, AWS, CDK, Docker, Github Actions)

Full-Stack Software Engineer

Nov 2017 - July 2019

Pressboard Media (Sponsored Content)

Vancouver, Canada

Developed the company's sponsored content server, and content analytics/tracking system.

Major Accomplishments:

- Transitioned Pressboard projects to use CI/CD on Azure Cloud, utilizing Kubernetes, Docker Images, and automated tests.
- Implemented full integration with Facebook's Marketing API.
- Implemented full Integration with Stripe's API.

(Stack: .Net Core, Azure Cloud, Kubernetes, Docker, Node.Js, Express, Typescript, React, GraphQL)

Head of Software Engineering

Jun 2016 - Oct 2017

O3 Telecom (FTTH ISP)

Erbil, Iraq

- Initially hired as a sole software developer under IT department, but ended up creating, and leading a fully fledged Software Engineering department.
- Designed and Built the company's software echo-system as a collection of full-featured, easy-to-use, secure, interconnected, customizable, interactive, multilingual web-based systems, fully integrated with various APIs of multiple existing telecom systems.

Major Accomplishments:

- Suggested, designed, developed, and launched a full-featured ERP system for O3 Telecom to handle Device Provisioning and Activation, integrated with their AAA/Billing RADIUS server, and Huawei's U2000 NMS, complete with Data Validation, Advanced Permissions, and a Reporting System with Data Visualization. The initial system core has been online since Aug 2016.
- Suggested, designed, developed and launched a quick-recharge system for O3 Telecom that replaced their old charging system supplied by the vendor, the new system did not need username/password authentication and used IP authentication instead with a design emphasis on security and performance. it has been online since Feb 2017.
- Suggested, designed, developed and launched the official mobile (React-Native) App for O3 Telecom, on both the Play Store and the App Store.

(Stack: RoR, MySQL, Node.Js, Express, React-Native, Nginx, Redis, highcharts)

Senior Software Engineer
Fanoos Telecom (WiMAX ISP)

Jan 2013 - Feb 2016
Sulaymaniyah, Iraq

Worked in a small Dev Team to build and maintain all of the company's internal systems (billing, inventory, data warehouse...etc.), all are multilingual responsive web-applications.

Major Accomplishments:

- Built a full-featured Inventory System for Fanoos Telecom in 2014.
- Built a full-featured Billing System for Fanoos Telecom. It was commissioned in Jan 2015 and replaced the commercial Billing System they were using since 2009.

(**Stack:** RoR, MySQL, Node.Js, MongoDB, React-Native, Nginx, Redis)

Web Developer, Self-employed

Dec 2009 - Jan 2013

- Design and develop free and commercial open-source web apps and scripts.
- Design, develop and host websites for companies and public figures.
- Provide support to users of my scripts and add-ons around the world.

(**Stack:** Joomla!, PHP, MySQL, Bootstrap, jQuery, CSS)